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PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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*Trudi Thompson*

Trudi Thompson

Applicant : William L. Johnson  
Application No. : 10/552,667  
Filed : June 21, 2006  
Title : CONTINUOUS CASTING OF BULK SOLIDIFYING  
AMORPHOUS ALLOYS

Confirmation No. 7223

Grp./Div. : 1725  
Examiner : Unassigned

Docket No. : 52421/L471  
Customer No. : 23363

**INFORMATION DISCLOSURE STATEMENT 37 CFR § 1.97(b)**

**MAIL STOP AMENDMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Post Office Box 7068  
Pasadena, CA 91109-7068  
September 12, 2006

Commissioner:

In compliance with the duty of disclosure under 37 CFR §§ 1.56, 1.97 and 1.98, and in accordance with the provisions in the Manual of Patent Examining Procedure §§ 609 and 707.05(b), enclosed is FORM PTO/SB/08A/B listing the references that are known to applicant. Copies of each of the references listed under "Foreign Patent Documents" and "Other Documents" are enclosed. This filing is timely because it is made during one of the periods described in 37 CFR § 1.97(b).

It is respectfully requested that the listed references be considered in the examination of this application and identified on the list of references cited on the patent issuing for this application. Applicant also requests that an initialed copy of FORM

8

**Application No. 10/552,667**

PTO/SB/08A/B be entered in the application file and returned to applicant with the next communication from the Office in accordance with MPEP § 609.

Respectfully submitted,

CHRISTIE, PARKER & HALE, LLP

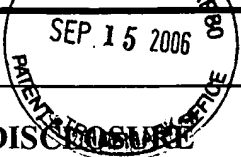
By  \_\_\_\_\_

John W. Peck  
Reg. No. 44,284  
626/793-9900

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Enclosures: PTO/SB/08A/B, w/references

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FORM PTO/SB/08A/B (10-01) Substitute for PTO-1449A/B		Attorney Docket Number	52421/L471
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	Group Art Unit	1725	
	Examiner Name	Unknown	

### U.S. PATENT DOCUMENTS

EXAMINER INITIALS	Cite No. <sup>1</sup>	DOCUMENT NUMBER Number - Kind Code <sup>2</sup> (If Known)	Publication Date MM-DD-YYYY	Name of Patentee
		US2001/0052406 A1	12/20/2001	Kubota et al.
		US 2002/0187379 A1	12/12/2002	Yasuo et al.
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		4,710,235	12/01/1987	Scruggs

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EXAMINER INITIALS	Cite No. <sup>1</sup>	DOCUMENT NUMBER Number - Kind Code <sup>2</sup> (If Known)	Publication Date MM-DD-YYYY	Name of Patentee
		4,721,154	01/26/1988	Christ et al.
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		5,312,495	05/17/1994	Masumoto et al.
		5,324,368	06/28/1994	Masumoto et al.

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		US 6,258,183 B1	07/10/2001	Onuki et al.
		US 6,306,228 B1	10/23/2001	Inoue et al.

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		US 6,325,868 B1	12/04/2001	Kim et al.
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EXAMINER INITIALS	Cite No. <sup>1</sup>	FOREIGN PATENT DOCUMENT Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (If Known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T <sup>6</sup> (✓)
		JP 61238423 A	10/23/1986	Sumimoto Light Metal Ind. Ltd.	Abstract
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		JP2001303218	10/31/2001	Japan Science & Tech Corp.	Abstract
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		JP02001303218A	10/31/2001	Japan Science & Technology Corp.	Abstract

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OTHER DOCUMENTS		
EXAMINER INITIALS	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
		Zhang et al., "Amorphous Zr-Al-TM (TM=Co, Ni, Cu) Alloys with Significant Supercooled Liquid Region of Over 100K", Materials Transactions, JIM, 1991, Vol. 32, No. 11, pp. 1005-1010
		Inoue et al., "Zr-Al-Ni Amorphous Alloys with High Glass Transition Temperature and Significant Supercooled Liquid Region", Materials Transactions, JIM, 1990, Vol. 31, No. 3, pp. 177-183
		Tanner et al., "Physical Properties of Ti <sub>50</sub> Be <sub>40</sub> Zr <sub>10</sub> Glass", Scripta Metallurgica, 1977, Vol. 11, pp. 783-789
		Tanner, L.E., "Physical Properties of Ti-Be-Si Glass Ribbons", Scripta Metallurgica, 1978, Vol. 12, pp. 703-708
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		Tanner, L.E., "The Stable and Metastable Phase Relations in the Hf-Be Alloy System", Metallurgica, Vol. 28, 1980, pp 1805-1815
		Maret et al., "Structural Study of Be <sub>43</sub> Hf <sub>x</sub> Zr <sub>57-x</sub> Metallic Glasses by X-Ray and Neutron Diffraction", J. Physique, 1986, Vol. 47, pp 863-871
		Jost et al., "The Structure of Amorphous Be-Ti-Zr Alloys", Zeitschrift fur Physikalische Chemie Neue Folge, Bd. 157, 1988, pp. 11-15
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		Lyman et al., Metals Handbook, Forging and Casting, 8th ed., 1970, Vol. 5, pp. 285-291 and 300-306
		Eshbach et al., "Section 12 - Heat Transfer", Handbook of Engineering Fundamentals, 3d ed., 1975, pp. 1113-1119
		Inoue, et al., "Mg-Cu-Y Bulk Amorphous Alloys with High Tensile Strength Produced by a High-Pressure Die Casting Method", Materials Transactions, 1992, JIM, Vol. 33, No. 10, pp. 937-945
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		Kato et al., "Production of Bulk Amorphous Mg <sub>85</sub> Y <sub>10</sub> Cu <sub>5</sub> Alloy by Extrusion of Atomized Amorphous Powder", Materials Transactions, JIM, 1994, Vol. 35, No. 2, pp. 125-129

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		Kawamura et al., "Full Strength Compacts by Extrusion of Glassy Metal Powder at the Supercooled Liquid State, Appl. Phys. Lett. 1995, Vol. 67, No. 14, pp. 2008-2010
		Catalog Cover Entitled, Interbike Buyer Official Show Guide, 1995, 3 pages.
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		Brochure entitled ProCAST...not just for castings!, UES, Inc., 1 page

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